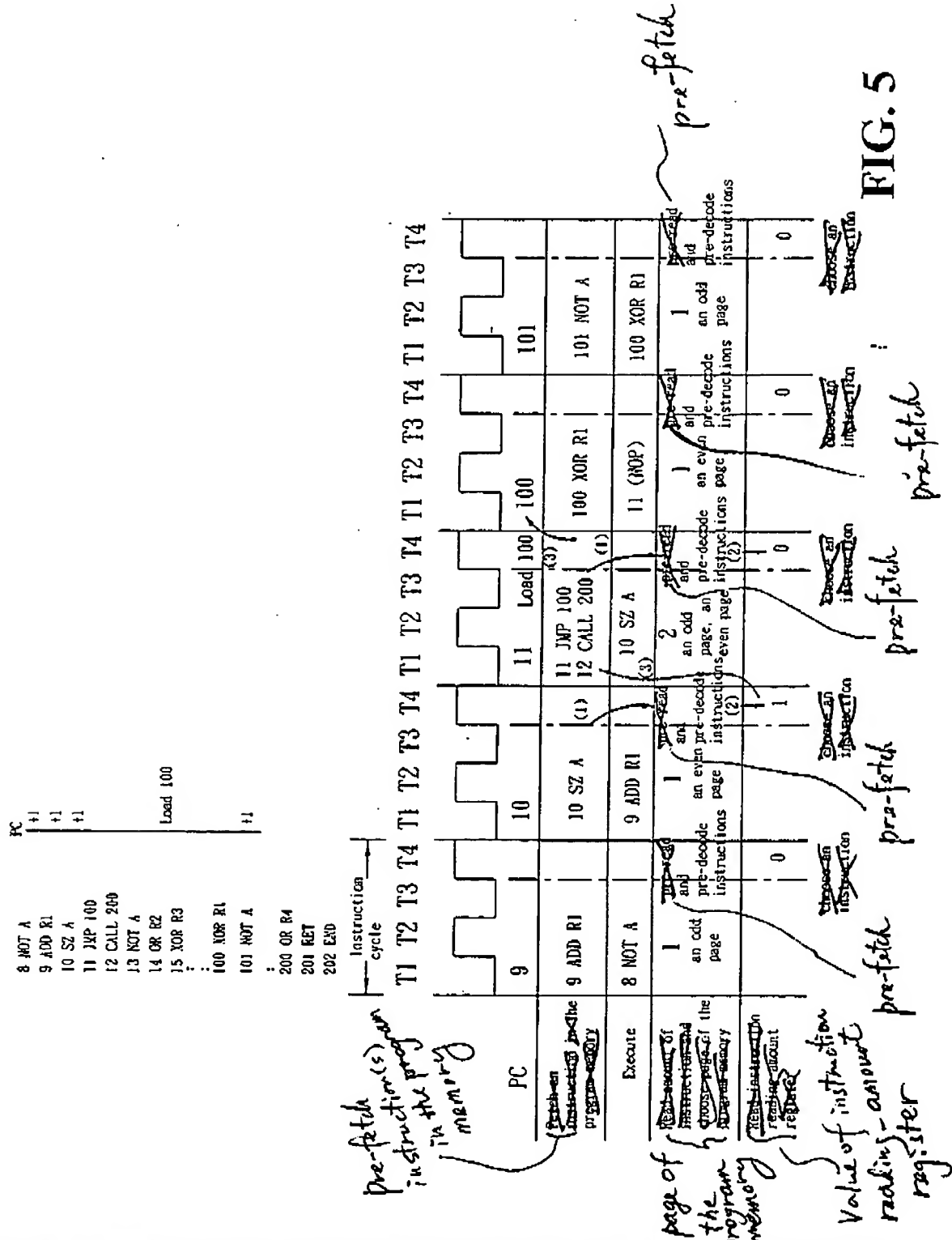
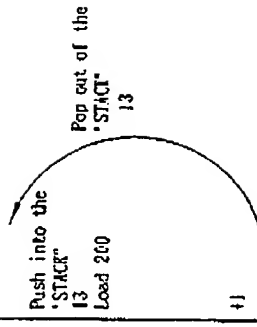


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page of the
program memory

8 NOT A
9 ADD R1
10 SZ A
11 JMP 100
12 CALL 200
13 NOT A
14 OR R2
15 XOR R3
16
17 XOR R1
18 NOT A
19
20 OR R4
21 RET
22 END



pre-fetch
instructions
in the program
memory

T1 T2 T3 T4 T1 T2 T3 T4 T1 T2 T3 T4 T1 T2 T3 T4 T1 T2 T3 T4

PC	9	10	11	12	13	14
Fetch an instruction in the program memory	9 ADD R1	10 SZ A	11 JMP 100	12 CALL 200	13 NOT A	14 OR R1
Execute	8 NOT A	9 ADD R1	10 SZ A	12 (NOP)	201 (NOP)	13 NOT A
Read amount of instruction and choose page of the program memory	an odd page and pre-decode instructions	an even page and pre-decode instructions	an odd page and pre-decode instructions	an even page and pre-decode instructions	an odd page and pre-decode instructions	an even page and pre-decode instructions
Read instruction reading amount register	0	0	0	0	0	0

pre-fetch

pre-fetch

pre-fetch

pre-fetch

pre-fetch

pre-fetch

pre-fetch

FIG. 6

Value of instruction
reading-amount register